

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071618\
 Data File : VR025476.D
 Acq On : 16 Jul 2018 14:48
 Operator : SY/MD
 Sample : J3987-05
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Jul 17 01:11:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 01:11:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.42	114	827074	5.00	ug/L	-0.05
28) Chlorobenzene-d5	11.28	117	660956	5.00	ug/L	-0.01
60) 1,4-Dichlorobenzene-d4	13.22	152	233508	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	99241	4.35	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	2.60	69	78456	4.04	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	3.57	63	208929	3.02	ug/L	-0.07
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	6.51	46	333855	47.14	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.28%
24) Chloroform-d	7.13	84	449937	3.99	ug/L	-0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
26) 1,2-Dichloroethane-d4	7.84	65	182729	4.23	ug/L	-0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	7.80	84	971966	4.40	ug/L	-0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	8.87	67	266337	4.15	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	9.95	98	860433	4.43	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	10.22	79	73589	4.33	ug/L	-0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	10.58	63	261996	47.68	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.36%
57) 1,1,2,2-Tetrachloroethane-	12.35	84	112041	3.91	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	189599	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

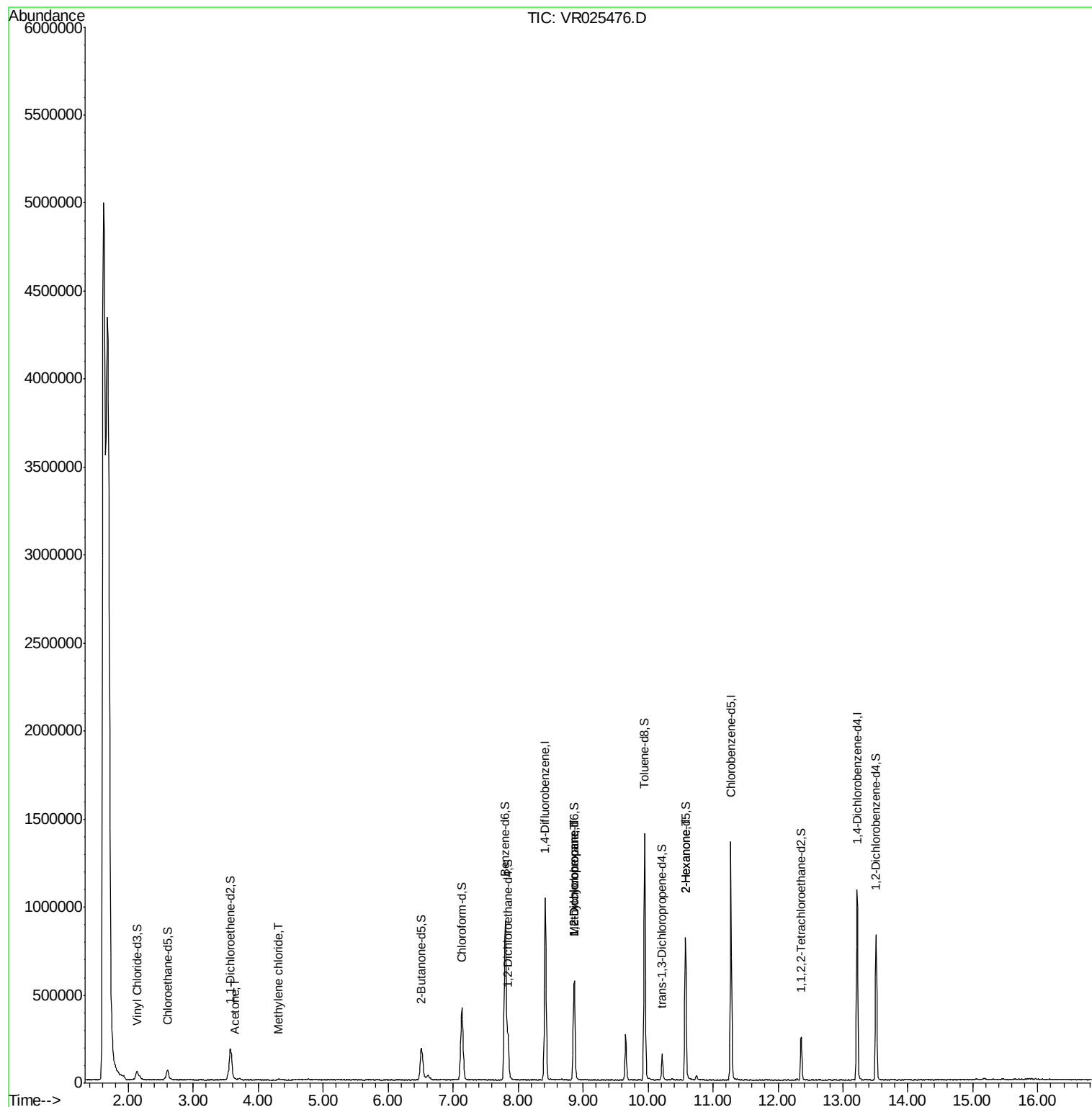
					Qvalue
13) Acetone	3.65	43	1343	0.421 ug/L	76
16) Methylene chloride	4.31	84	5172	0.214 ug/L	81
35) Methylcyclohexane	8.87	83	63337	0.817 ug/L #	18
37) 1,2-Dichloropropane	8.87	63	29874	0.564 ug/L #	92
48) 2-Hexanone	10.58	43	31352	2.970 ug/L #	67

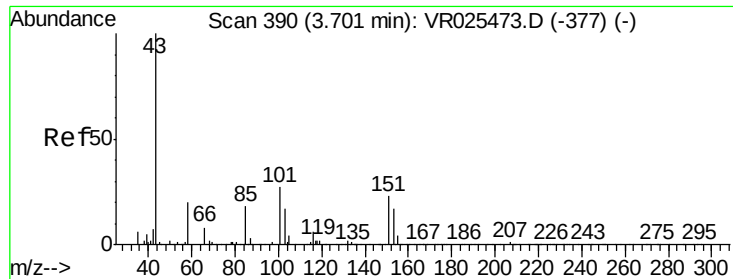
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.421 ug/L

RT: 3.65 min Scan# 382

Delta R.T. -0.05 min

Lab File: VR025476.D

Acq: 16 Jul 2018 14:48

Instrument :

MSVOA_R

ClientSampled :

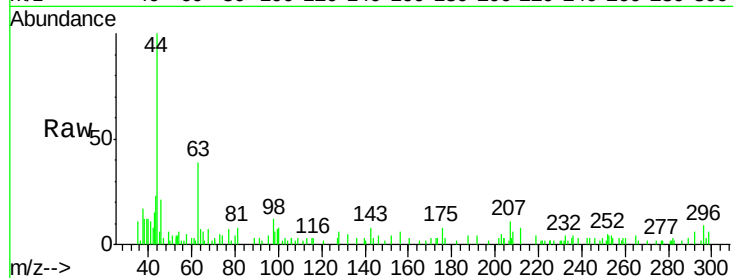
VHBLK01

Tgt Ion: 43 Resp: 1343

Ion Ratio Lower Upper

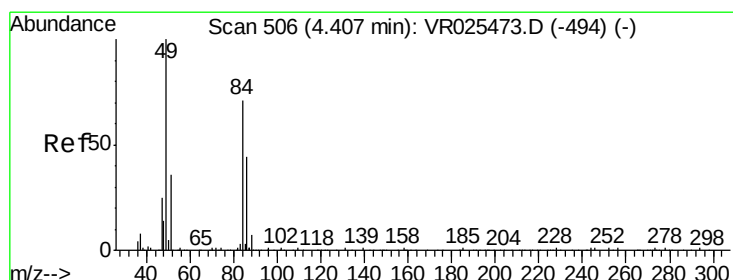
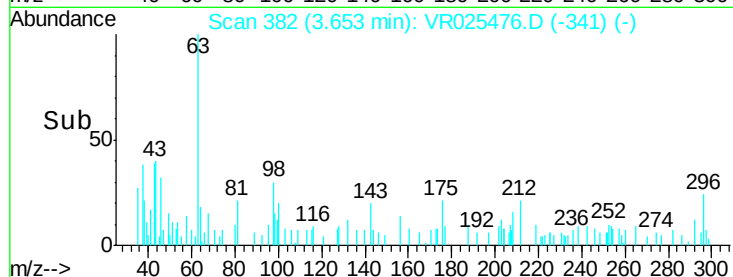
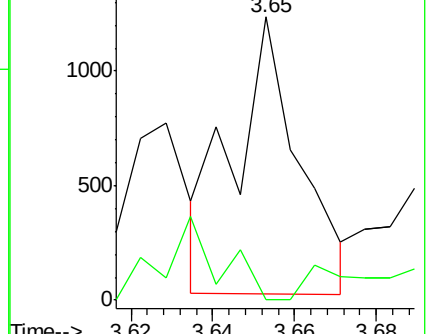
43 100

58 9.5 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#16

Methylene chloride

Concen: 0.214 ug/L

RT: 4.31 min Scan# 490

Delta R.T. -0.10 min

Lab File: VR025476.D

Acq: 16 Jul 2018 14:48

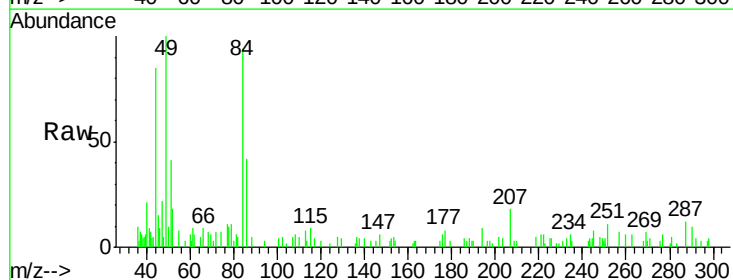
Tgt Ion: 84 Resp: 5172

Ion Ratio Lower Upper

84 100

86 44.6 43.7 81.1

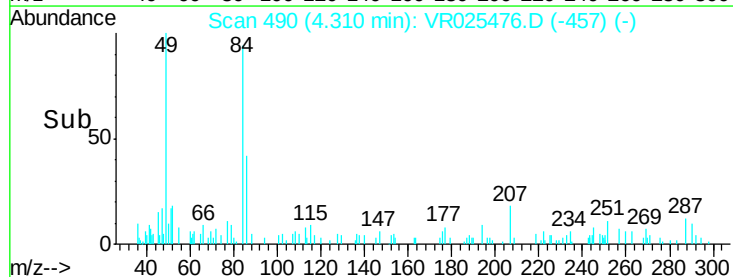
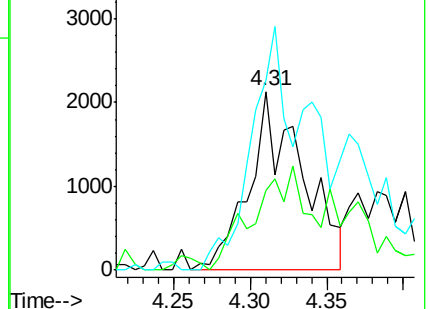
49 105.9 87.2 162.0

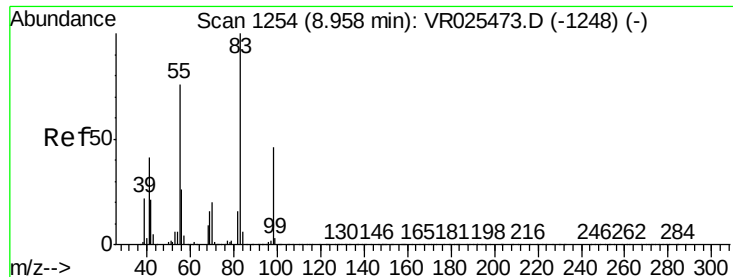


Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

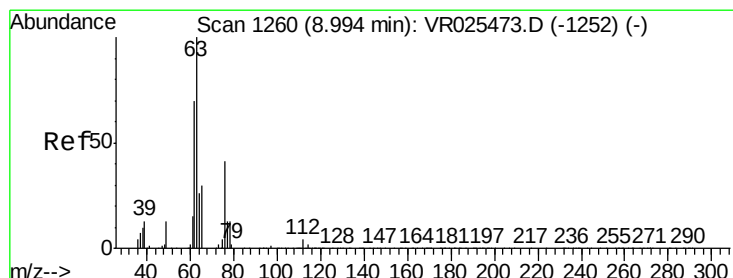
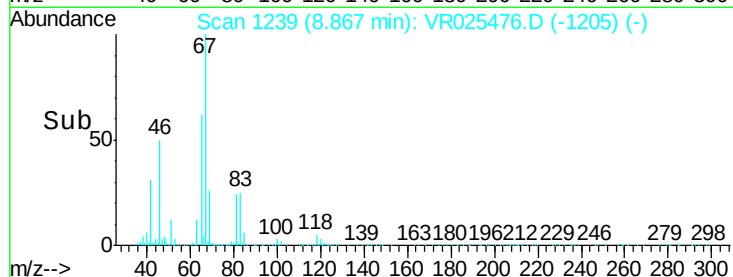
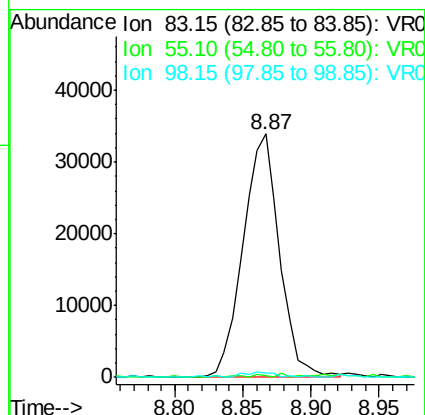
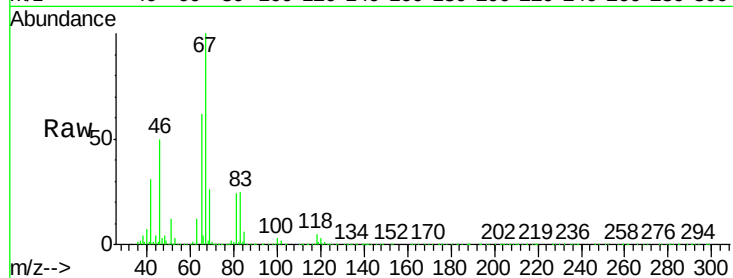




#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 8.87 min Scan# 1239
Delta R.T. -0.09 min
Lab File: VR025476.D
Acq: 16 Jul 2018 14:48

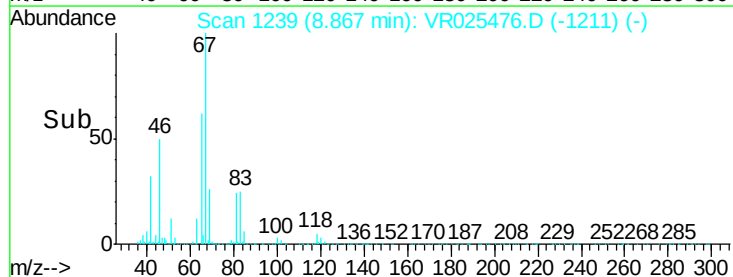
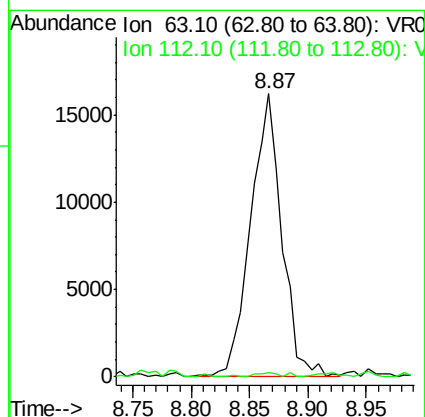
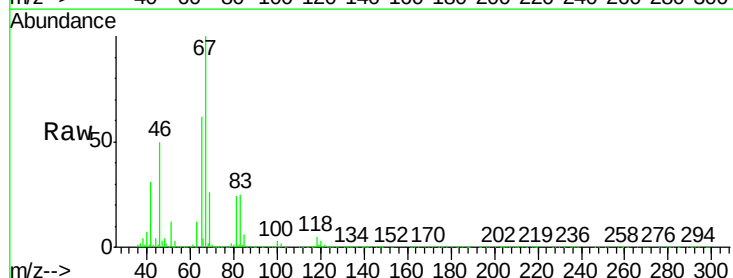
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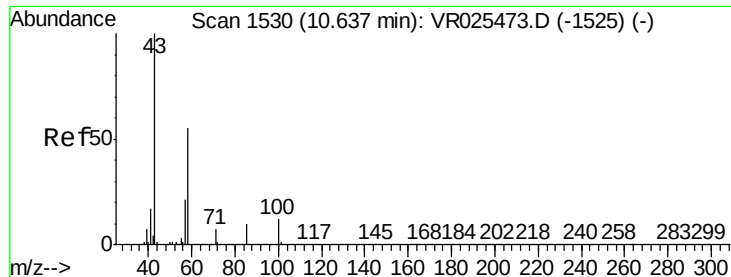
Tgt Ion: 83 Resp: 63337
Ion Ratio Lower Upper
83 100
55 0.9 66.1 99.1#
98 1.9 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 8.87 min Scan# 1239
Delta R.T. -0.13 min
Lab File: VR025476.D
Acq: 16 Jul 2018 14:48

Tgt Ion: 63 Resp: 29874
Ion Ratio Lower Upper
63 100
112 1.0 2.9 4.3#





#48
 2-Hexanone
 Concen: 2.970 ug/L
 RT: 10.58 min Scan# 1520
 Delta R.T. -0.06 min
 Lab File: VR025476.D
 Acq: 16 Jul 2018 14:48

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 31352
 Ion Ratio Lower Upper
 43 100
 58 23.2 43.1 64.7#
 57 25.2 15.3 22.9#
 100 2.4 7.9 11.9#

